



# 16-Port 10/100/1000Mbps Gigabit Ethernet Network Switch - Desktop/Wall Mount/Rack Mount - Unmanaged - 1U - 32Gbps Total Bandwidth NS-101-16 - Specifications

## Description

This 16-port switch is a gigabit Ethernet switch, providing 16 Gigabit Ethernet ports to upload data via the convergence switch. The switch is reliable, easy to install and maintain, and equipped with rapid switch function. With multiple access ports, the switch is applicable for access or aggregation and upload of small-scale LAN devices.

## Features

- 16 x 10/100/1000M Gigabit Unmanaged Ethernet ports
- Metal enclosure
- Reliable fan-free design
- -10°C to 50°C temperature range
- Support auto MDI/MDIX
- Panel indicators to monitor working status and help fault analysis
- Flow control, full duplex adopts IEEE802.3x standard, half duplex adopts Back pressure standard
- Port 1-8 supports QoS data priority
- Loop alarm
- 32 Gbps total bandwidth
- Support rack mount installation

## Physical Characteristics

Dimensions	268 x 181 x 44mm
Shell	Metal Material, Fan-Free Design
Operating Temperature	-10°C to 50°C
Storage Temperature	-40 °C to 70 °C
Operating Humidity /	Working Humidity: 10%~90%, non-condensing
Storage Humidity	Storage Humidity: 5%~90%, non-condensing
Power Supply	Input: 100-240V AC, 50/60Hz
Ports	16 x 10/100/1000Mbps auto-negotiation RJ45 ports
Port Loopguard	Supported
Port Type	RJ45 port, Full duplex, MDI/MDI-X adaptive
Uplink Port	Port 15 and Port 16
LED Indicator	1 * Power LED 16 * Link/Act LED
Mounting Ears	Yes
Rackmountable	Yes





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## Performance

Network Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x
Total Bandwidth	32Gbps
Network Medium	10Base-T: Cat3, 4, 5 or above UTP (≤100m) 100Base-TX: Cat5 or above UTP (≤100m) 1000Base-TX: Cat5 or above UTP (≤100m)
MAC Address Table	8K
Jumbo Frame	4Kbytes
Transfer Mode	Store-and-forward switching
Packet Forwarding Rate	23.8 Mpps
Internal Cache/ Buffer	4 Mbits
Switching Capacity	32 Gbps
MTBF	100000 hours

## Environmental/Certifications

RoHS	Yes
FCC	Yes
CE	Yes

## Packaging Information

Package Quantity	1
Product Weight	2.5 lbs

